Claims

1. An antimicrobial agent including a hypochlorous acid aqueous solution not generating chlorine gas, wherein said hypochlorous acid aqueous solution consists of sodium hypochlorite as a food additive, purified water and dilute hydrochloric acid solution, and wherein

effective chlorine concentration range in said aqueous solution is between 150 and 260 ppm, and pH range of said aqueous solution is between 3.0 and 5.5, whereby

said antimicrobial agent disinfects bacteria within 1 minute.

2. A method for disinfecting a microbe comprising a step;

immersing any one of microbe selected from the group consisting of the Clostridium in the antimicrobial agent according to claim 1for a period from 10 seconds to 10 minutes.

3. The method for disinfecting a microbe according to claim 2,

the Clostridium is any one of microbe selected from the group consisting of Clostridium butyricum and Clostridium sporogenes.

4. A method for disinfecting a microbe comprising a step;

immersing a virus in the antimicrobial agent according to claim 1 for a period from 10 seconds to 60 seconds.

5. The method for disinfecting a microbe according to claim 4, wherein

the virus is any one of virus selected from the group consisting of Feline panleukopenia virus, Canine parvovirus, and Measles virus.

6. A method for producing the antimicrobial agent according to claim 1, comprising the steps of:

adding sodium hypochlorite as a food additive into purified water at 0.018-0.026 weight/volume % to prepare sodium hypochlorite solution;

adding dilute hydrochloric acid (9.5-10.5 weight/volume %) to adjust the pH range; and thereafter

adding purified water to adjust the effective chlorine concentration range.